

Figure 1

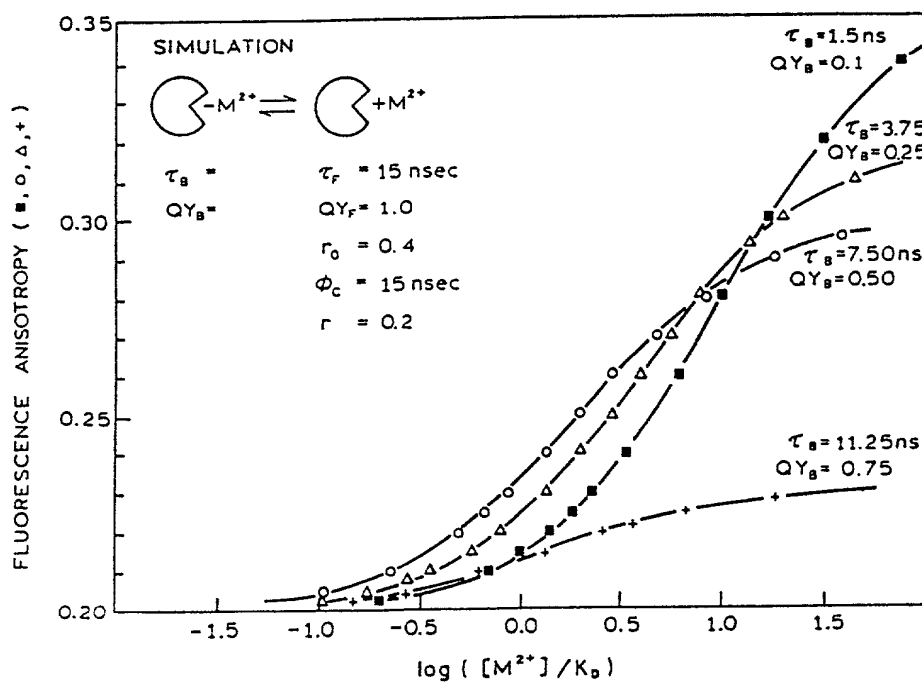


Figure 2

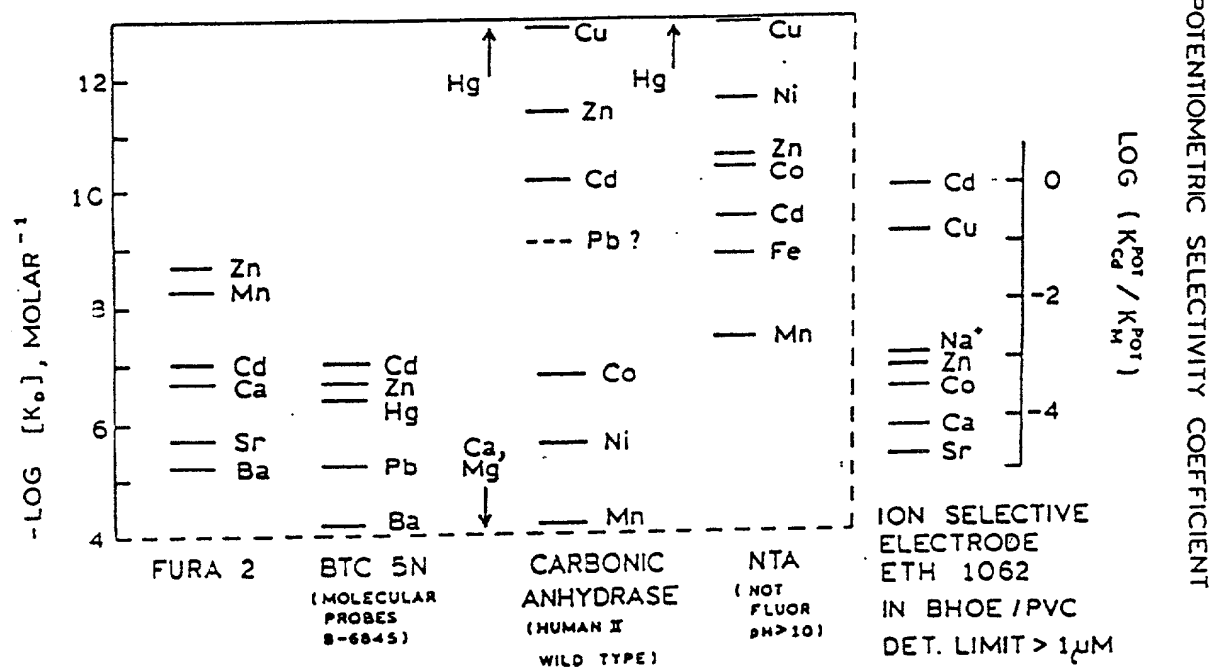
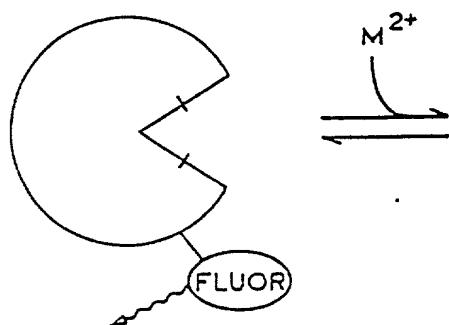


Figure 3

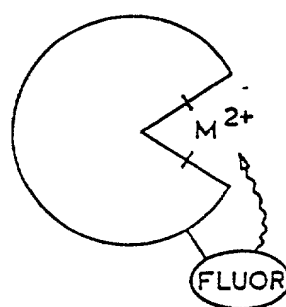
apo-CARBONIC ANHYDRASE



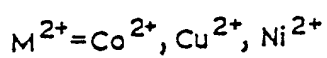
NO M^{2+} BOUND
NO ENERGY TRANSFER
QUENCHING

$$\tau = \tau_0$$

"HOLO"-CARBONIC ANHYDRASE



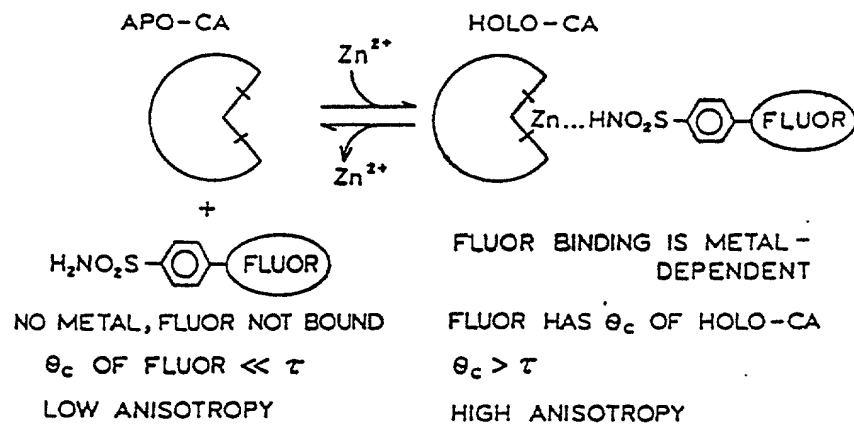
M^{2+} BOUND TIGHTLY,
SPECIFICALLY;
ENERGY TRANSFER OR
OTHER PROXIMITY QUENCHING
 $\tau < \tau_0$



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Figure 4



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Figure 5

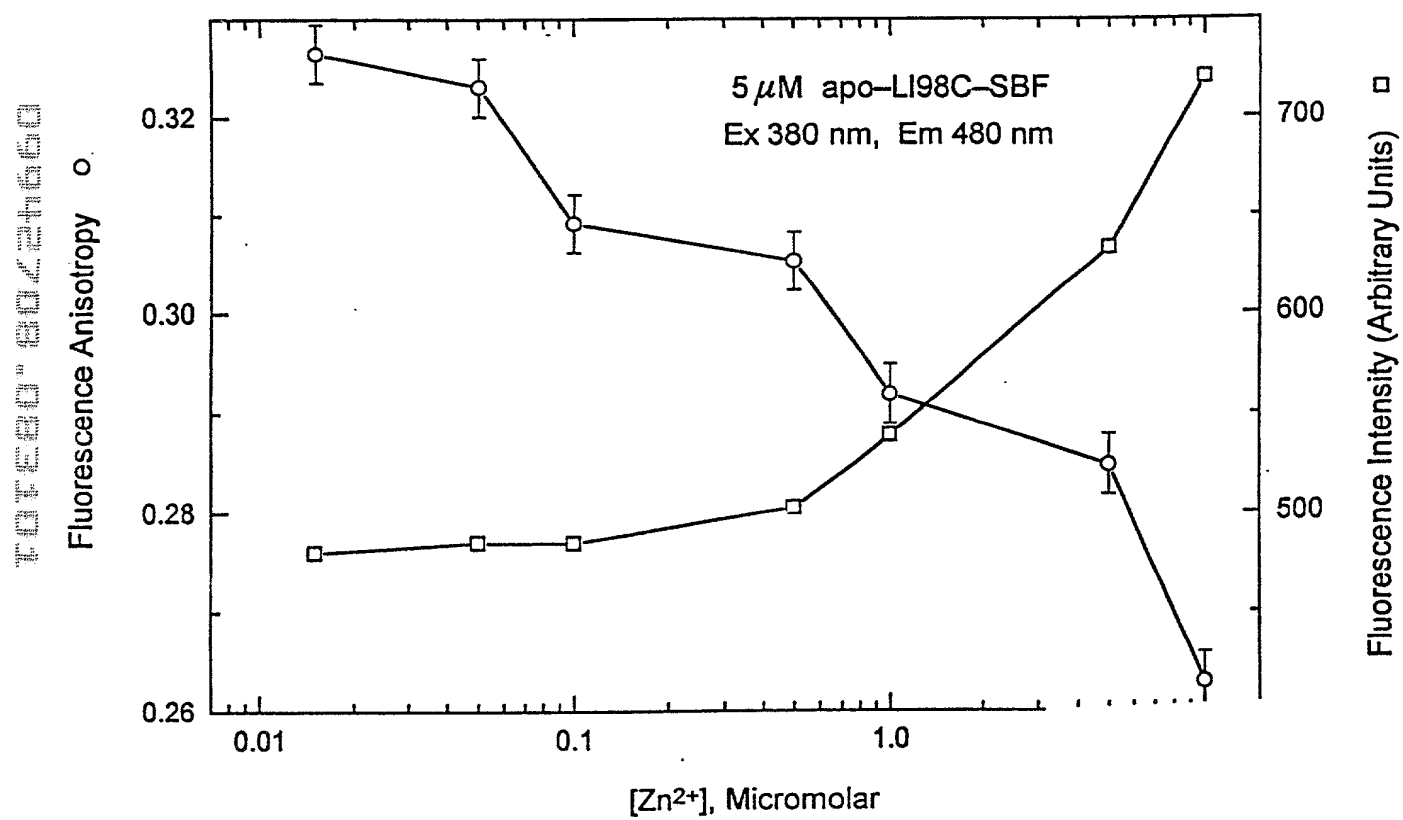


Figure 6

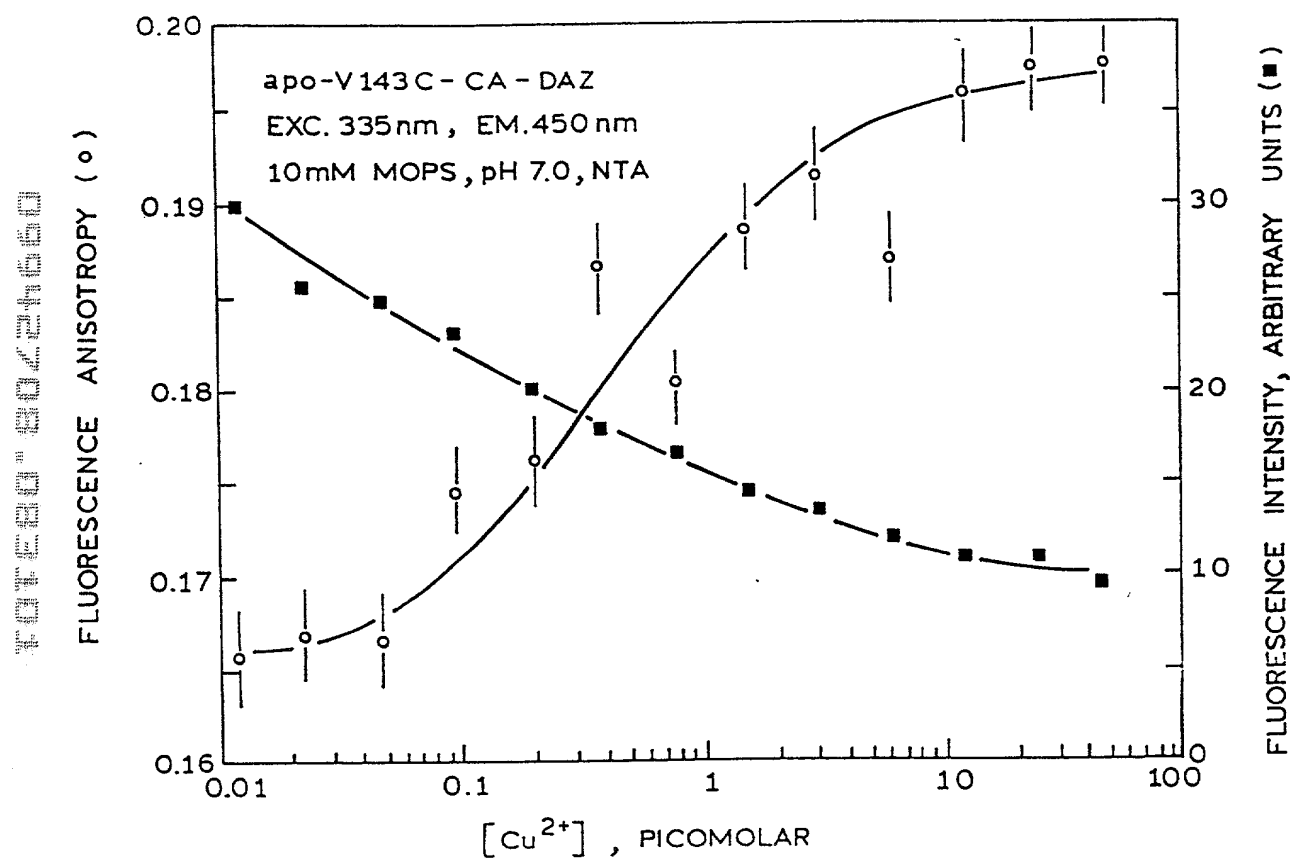


Figure 7

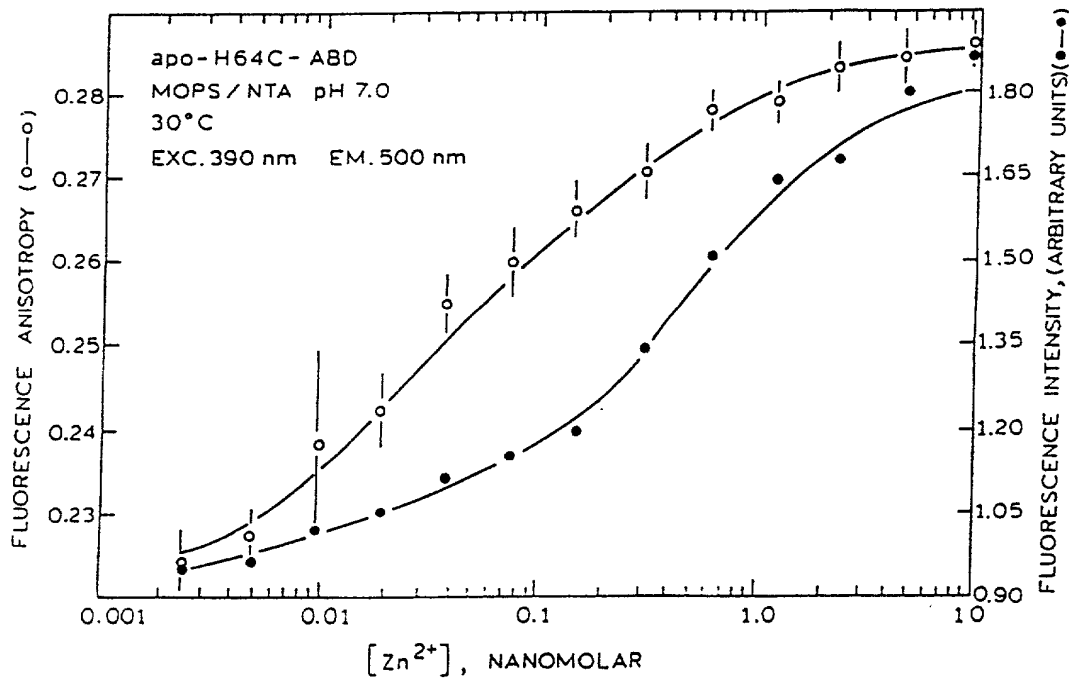


Figure 8

